

Converting Colors

XYZ(30.0850, 39.3444, 72.8084)

Have a look what the booklet for
XYZ(30.0850, 39.3444, 72.8084)
contains.

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Color

**XYZ(30.2152, 39.5442,
73.0581)**

Conversions

Conversions Part 1

Format	Color
Hex	14B8DB
RGB	20, 184, 219
RGB Percent	8%, 72%, 86%
CMY	0.9214, 0.2784, 0.1412
CMYK	0.91, 0.16, 0.00, 0.14
HSL	191°, 83%, 47%
HSV	191°, 91%, 86%
XYZ	30.2152, 39.5442, 73.0581
YIQ	138.9540, -108.9790, -23.8830

Conversions

Conversions Part 2

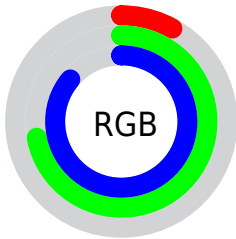
Format	Color
R _Y B	20, 110, 219
Decimal	1358043
CIE Lab	69.14, -25.75, -28.29
CIE LCh	69, 38.259, 227.689
Yxy	39.5442, 0.2116, 0.2769
Android (android.graphics.Color)	4279548123 (0xFF14B8DB)
YUV	138.9540, 39.4627, -104.3227
Hunter-Lab	62.8842, -24.2799, -24.8635

Details

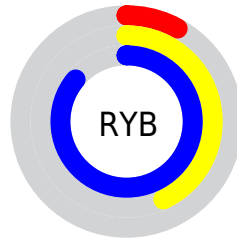
The XYZ color **30.2152, 39.5442, 73.0581** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **30.7081, 17.8464, 2.4897**, and the grayscale version is **24.4104, 25.6816, 27.9673**.

A 20% lighter version of the original color is **55.6405, 72.8552, 105.7376**, and **14.8171, 18.9129, 37.9916** is the 20% darker color. If you saturate the color by 10%, you get **29.2043, 37.9505, 72.8045**, and if you desaturate by 10%, it is **31.6907, 41.5098, 73.3605**.

Distribution



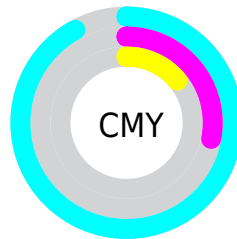
- Red (8%)
- Green (72%)
- Blue (86%)



- Red (8%)
- Yellow (43%)
- Blue (86%)



- Cyan (91%)
- Magenta (16%)
- Yellow (0%)
- Black (14%)



- Cyan (92%)
- Magenta (28%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.2152, 39.5442, 73.0581 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 30.2152, 39.5442, 73.0581 by changing the saturation by 10% instead.

■ 30.2152, 39.5442,
73.0581

■ 30.2152, 39.5442,
73.0581

294.7981,
344.1987, 490.2923

■ 20.1509, 27.1833,
53.5314

■ 59.3866, 74.4689,
125.2814

■ 12.6137, 17.7110,
37.8365

■ 79.2244, 97.8016,
158.8150

■ 7.2382, 10.7427,
25.5550

■ 103.0508,
125.5603, 197.8546

■ 3.6592, 5.8941,
16.2682

■ 131.2311,
158.1295, 242.8188

■ 1.5112, 2.7808,
9.5578

■ 164.1306,
195.8935, 294.1262

■ 0.3334, 1.0184,
5.0050

202.1147,

■ 0.0000, 0.0000,

239.2368, 352.1952

2.1914

245.5487,
288.5437, 417.4444

■ 0.0000, 0.0000,
0.6694

■ 0.0000, 0.0000,
0.0000

■ 30.2152, 39.5442,
73.0581

■ 30.2152, 39.5442,
73.0581

■ 29.2043, 37.9505,
72.8045

■ 31.6907, 41.5098,
73.3605

■ 33.6753, 43.7697,
73.6921

■ 36.2404, 46.3617,
74.0572

■ 39.4447, 49.3164,
74.4586

■ 43.3394, 52.6603,
74.8988

■ 47.9708, 56.4175,
75.3799

■ 53.3807, 60.6099,
75.9040

■ 59.6078, 65.2577,
76.4729

■ 66.6883, 70.3797,
77.0884

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



27.4621, 39.5442, 54.1174



30.2152, 39.5442, 73.0581



35.1346, 39.5442, 85.0328

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



30.2152, 39.5442, 73.0581



50.2793, 39.5442, 50.6409



34.1258, 39.5442, 18.2887

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



30.2152, 39.5442, 73.0581



30.7081, 17.8464, 2.4897

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



40.1480, 39.5442, 17.8305



30.2152, 39.5442, 73.0581



49.9335, 39.5442, 33.6165

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



30.2152, 39.5442, 73.0581



46.9655, 39.5442, 69.9263



46.0665, 39.5442, 22.6517



29.5459, 39.5442, 24.1388

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



30.2152, 39.5442, 73.0581



39.1804, 39.5442, 85.7770



46.0665, 39.5442, 22.6517



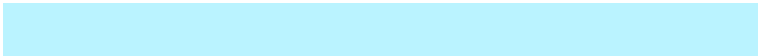
36.0346, 39.5442, 17.5699

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



30.2165, 39.5456, 73.0591



70.3536, 81.7127, 106.6718



26.2681, 51.0715, 11.8652



14.5214, 17.0680, 22.7790



0.0000, 0.0000, 0.0000



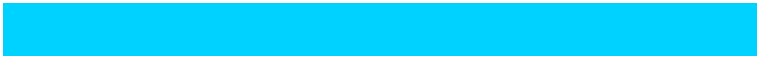
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



30.2165, 39.5456, 73.0591



41.1324, 53.3847, 102.7441



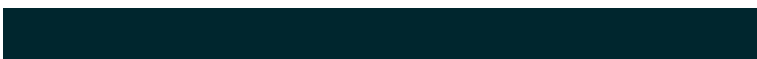
16.4319, 11.9763, 68.4642



13.2399, 14.4195, 16.7376



17.3888, 22.6471, 43.1932



1.1787, 1.5716, 2.8157

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



38.1165, 19.0226, 47.0115



52.8909, 25.9204, 63.2829



40.6791, 37.7884, 5.8133



13.5110, 13.2335, 15.9519



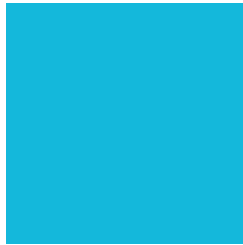
22.2724, 10.9100, 26.8782



1.4693, 0.7173, 1.8801

Previews

White Background



This preview shows how the XYZ color 30.2152, 39.5442, 73.0581 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 30.2152, 39.5442, 73.0581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

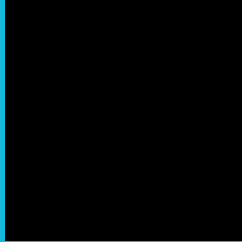
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.2152, 39.5442, 73.0581

Background



This preview shows how black text looks on a background with the XYZ color 30.2152, 39.5442, 73.0581.

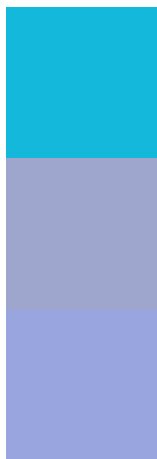


This preview shows how white text looks on a background with the XYZ color 30.2152, 39.5442,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

30.2152, 39.5442, 73.0581

Protanopia

38.8773, 38.9978, 63.8708

Deuteranopia

39.9113, 39.0103, 75.2382

Trichromacy



Original Color

30.2152, 39.5442, 73.0581

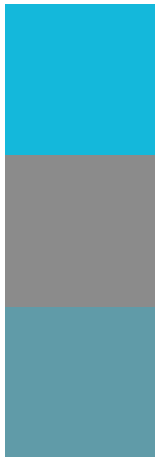
Protanomaly

32.8858, 37.7784, 67.1867

Deuteranomaly

33.7630, 37.7822, 74.6204

Monochromacy



Original Color

30.2152, 39.5442, 73.0581

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

23.6131, 28.7566, 41.3518

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2152, 39.5442, 73.0581 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(20, 184, 219)` looks like.

```
.text, #text, p{  
    color:rgb(20, 184, 219)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(20, 184, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 184, 219) }
```

Border

The CSS property to change the border of an element to XYZ 30.2152, 39.5442, 73.0581 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(20, 184, 219) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(20, 184, 219) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(20, 184, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 184, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 184, 219);  
box-shadow:4px 4px 4px 4px rgb(20, 184,  
219) }
```


Background

The CSS property to change the background color of an element to XYZ 30.2152, 39.5442, 73.0581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 184, 219) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(20, 184,  
219) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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